

100

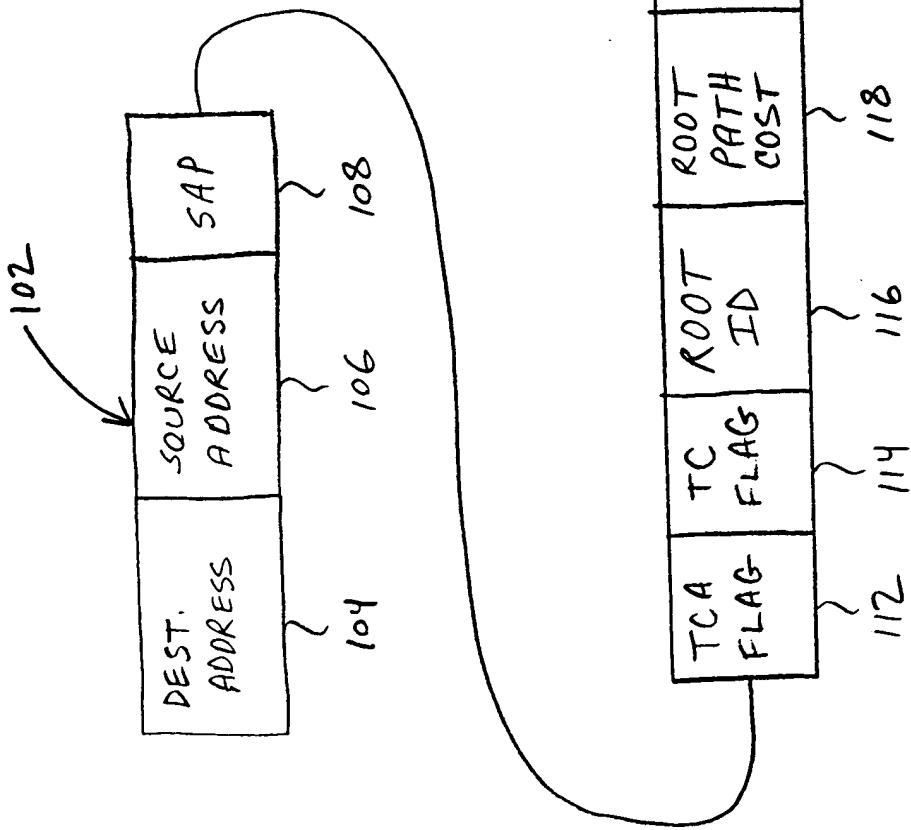


FIG. 1

200
✓

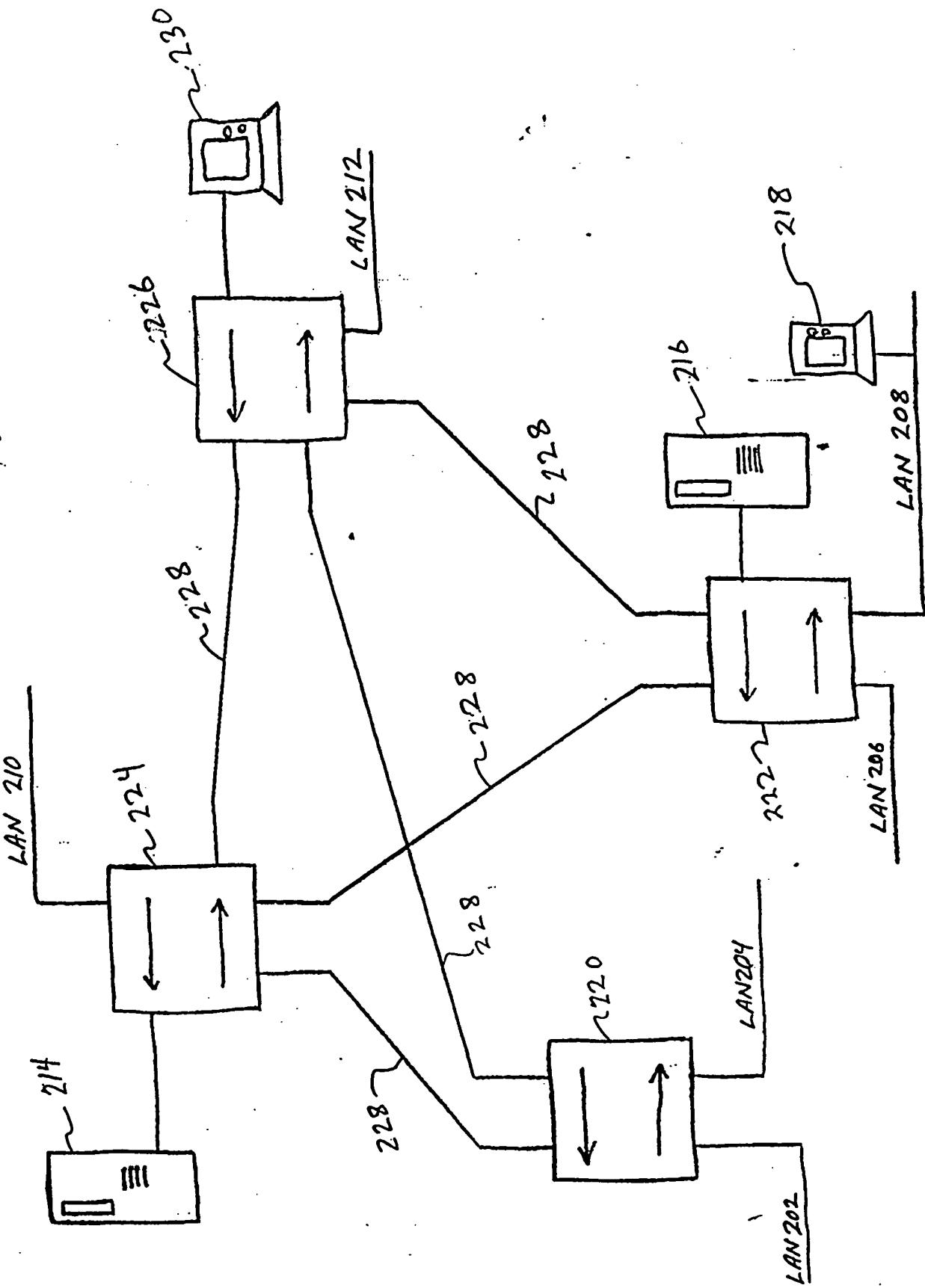


FIG. 2

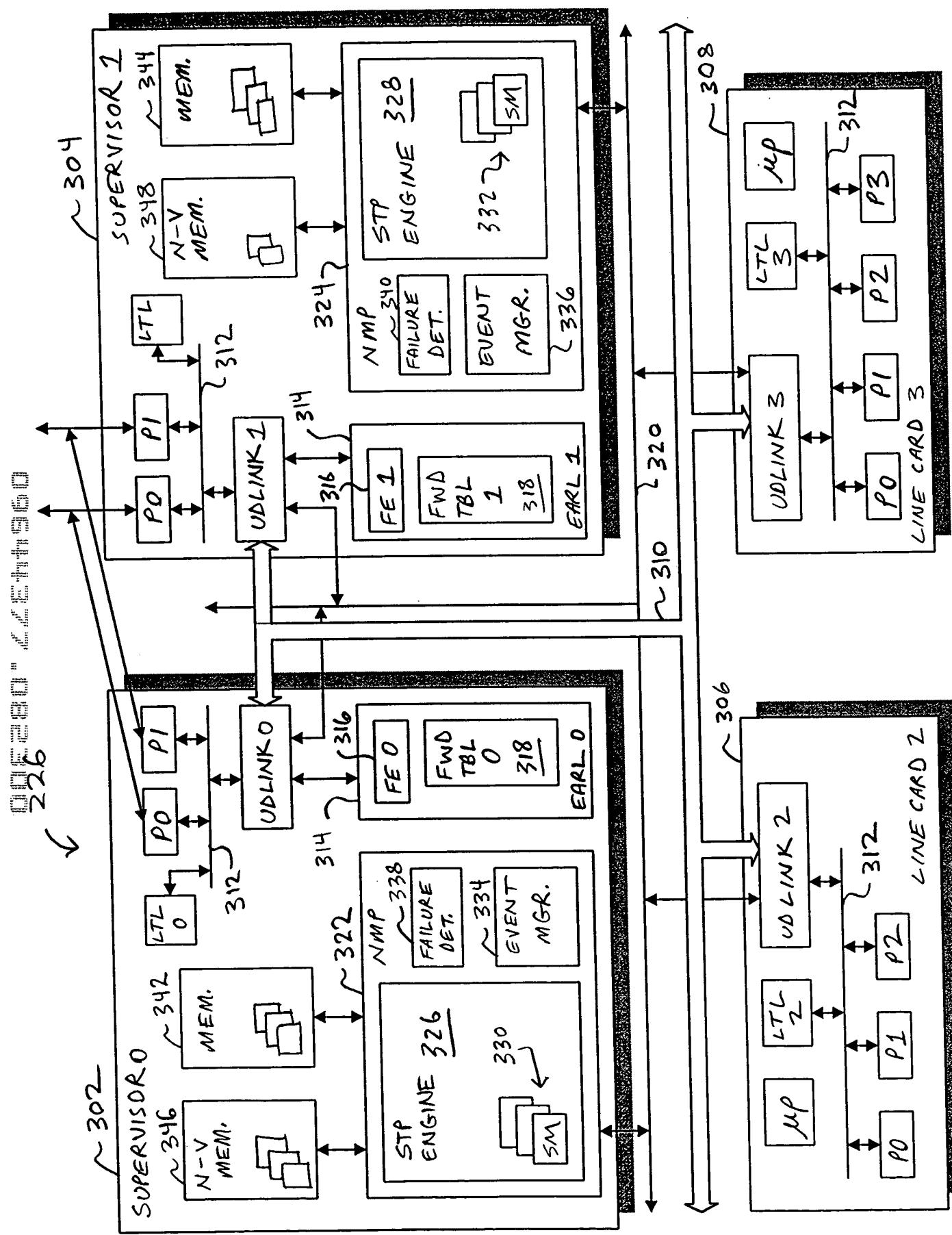


FIG. 3

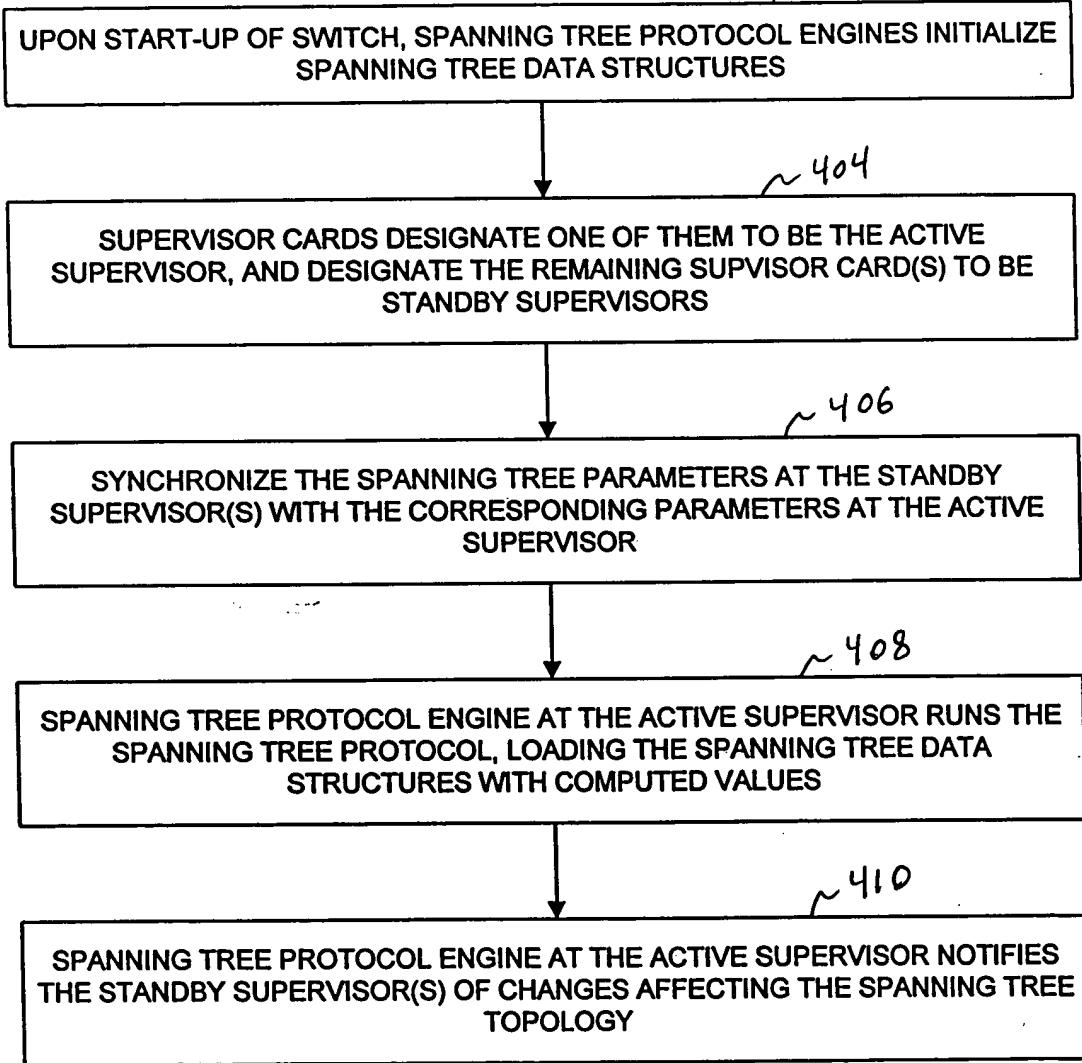


FIG. 4

500

<u>BRIDGE DATA STRUCTURE</u>	
Root Bridge Identifier (ID)	~502
Root Path Cost	~504
Root Port	~506
Maximum Age Time	~508
Hello Time	~510
Forward Delay Time	~512
Bridge Identifier (ID)	~514
Bridge Maximum Age Time	~516
Bridge Hello Time	~518
Bridge Forward Delay Time	~520
Topology Change Detected Flag	~522
Topology Change Flag	~524
Topology Change Time	~526
Spanning Tree Statistics	~528
Port Database Array Pointer	~530

FIG. 5

600

<u>PORT DATA STRUCTURE</u>	
Port Identifier (ID)	~602
Port State	~604
Designated Bridge Identifier (ID)	~606
Designated Bridge Port Identifier (ID)	~608
Designated Bridge Root Port Path Cost	~610
Designated Root Identifier (ID)	~612
Topology Change Acknowledgment	~614
Configuration BPDU	~616
TCN BPDU	~618
Port Next State	~620
Configuration BPDU in Process	~622
High Availability Recovery Pending	~624
Port Statistics	~626
Port Data Structure Pointer	~628

FIG. 6

ACTIVE

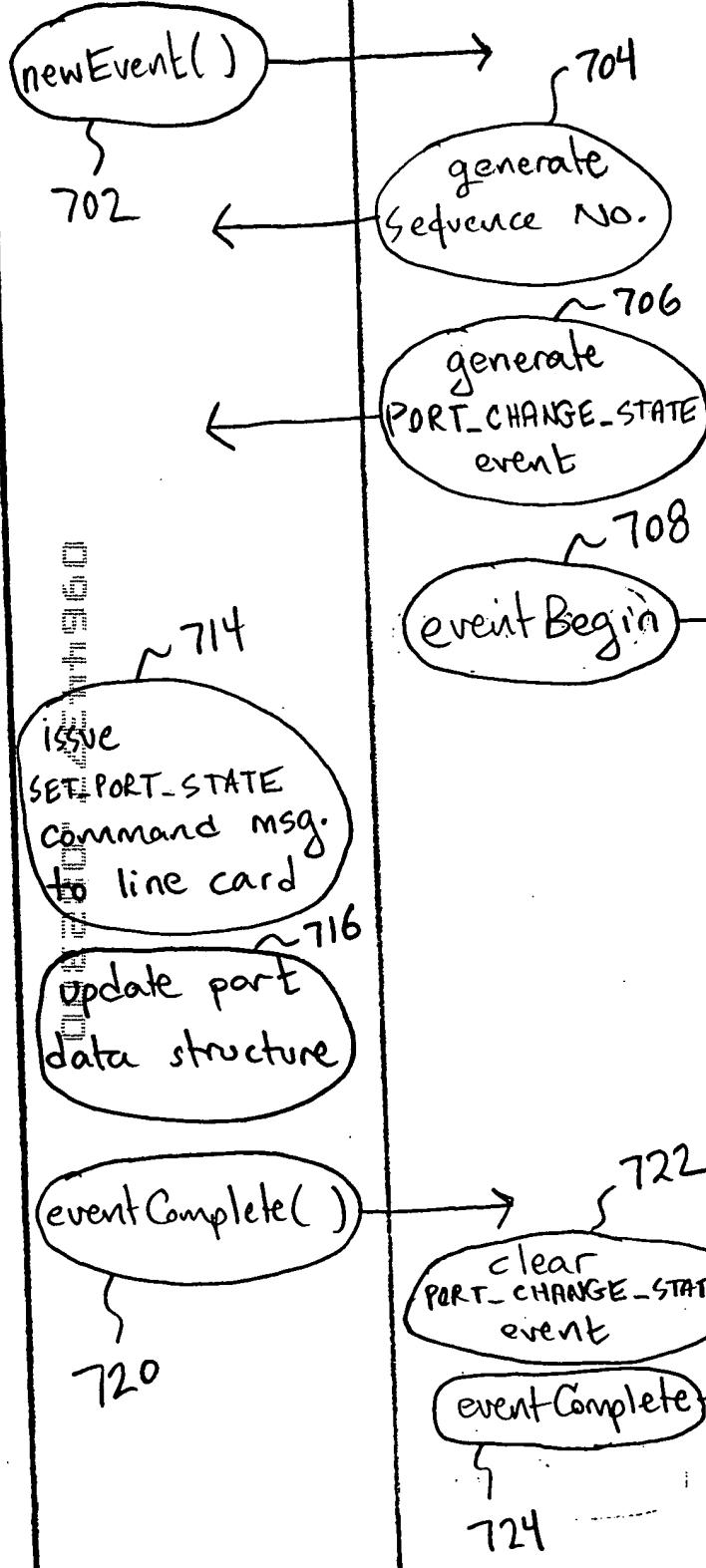
301

STANDBY

302

STP Engine

Event Mgr



Event Mgr.

STP Engine

304

306



FIG. 7

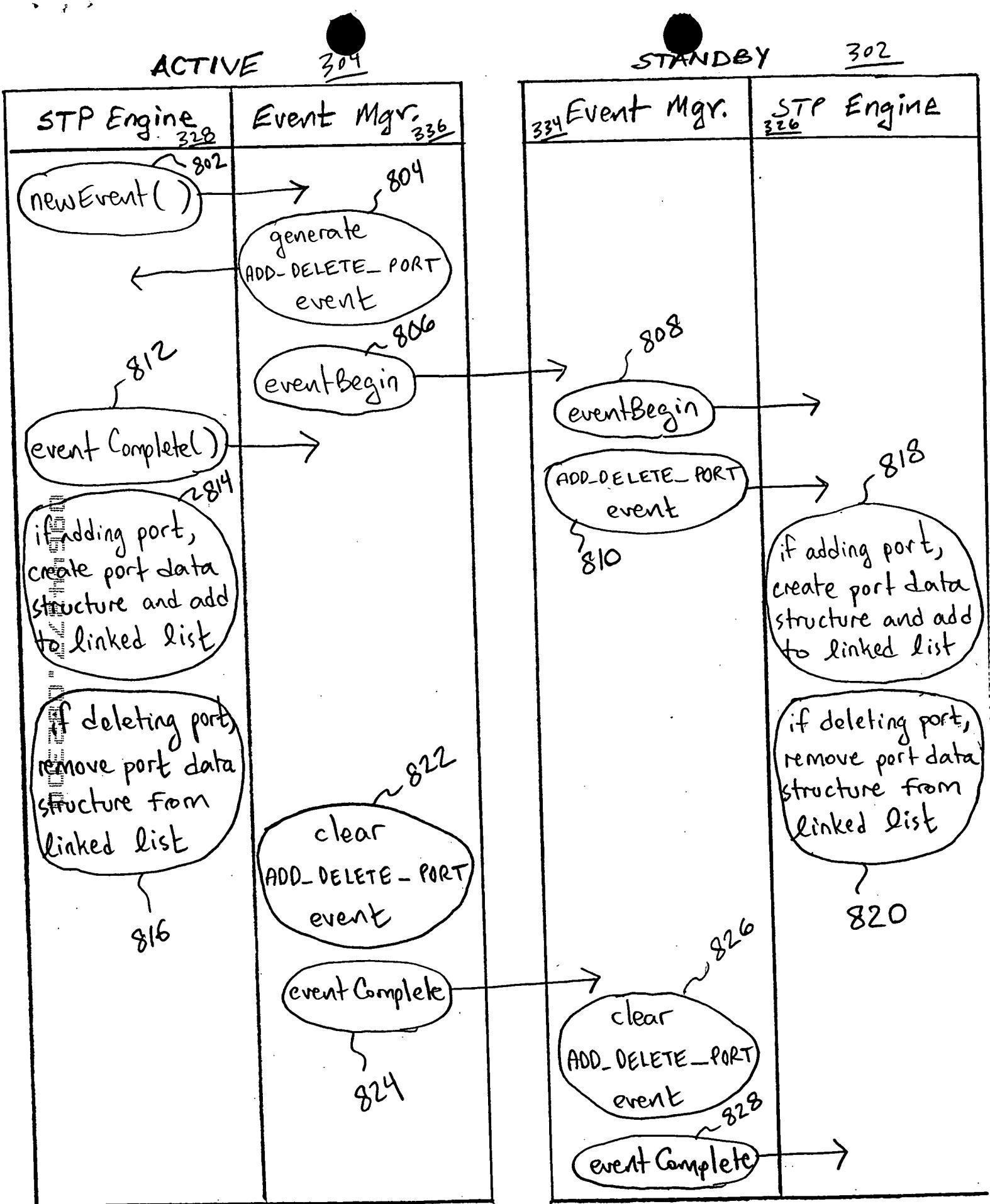


FIG. 8

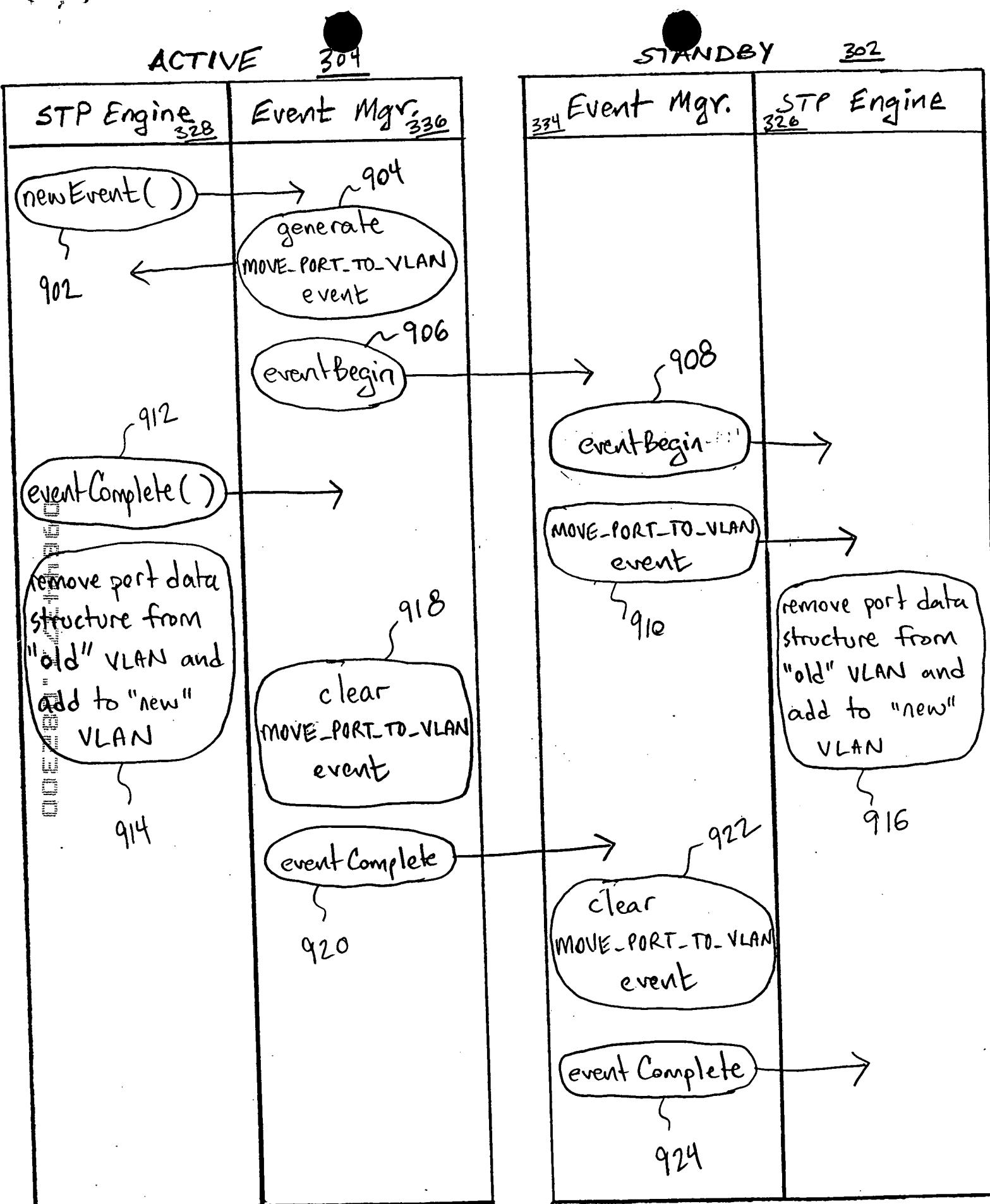
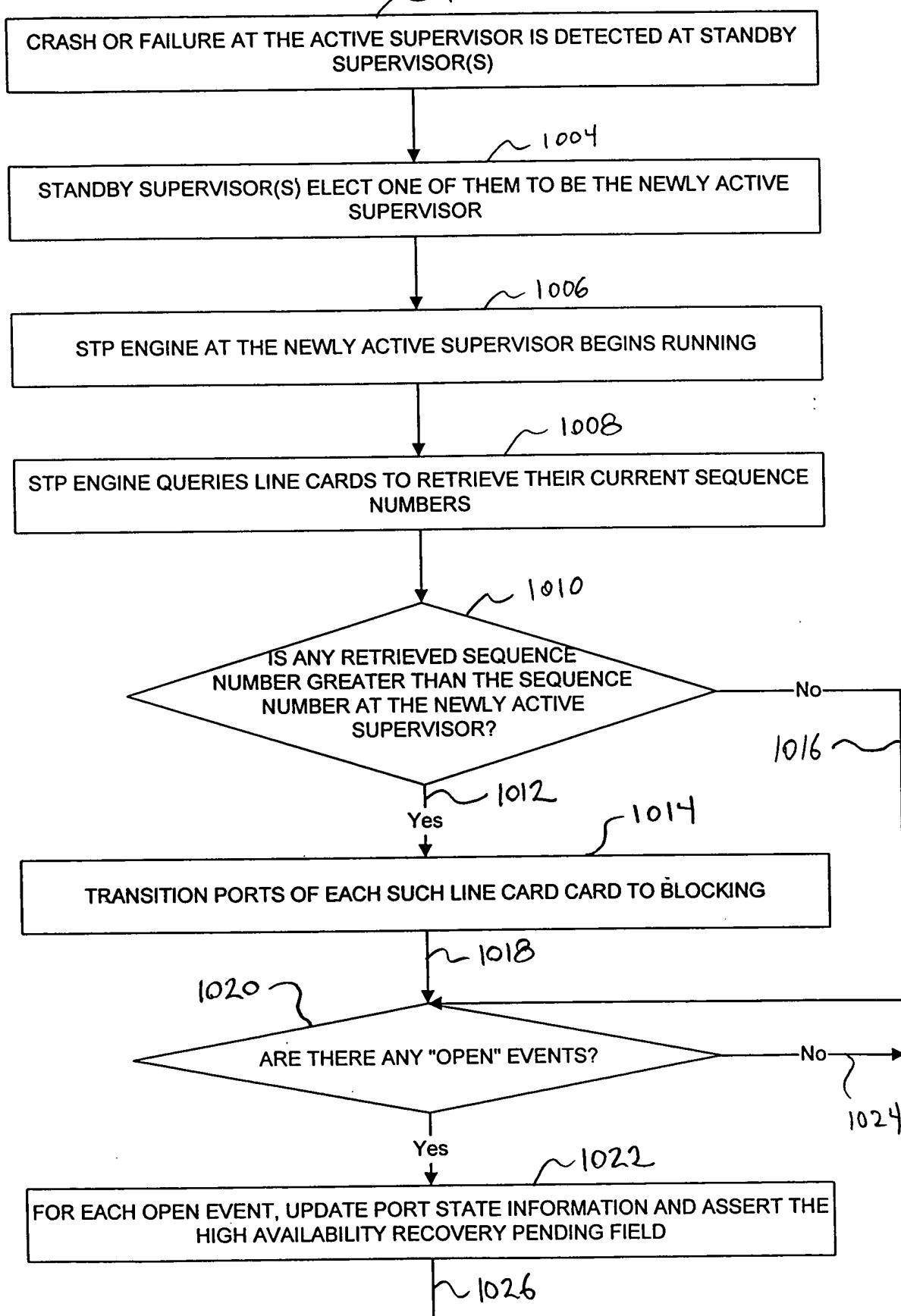


FIG. 9



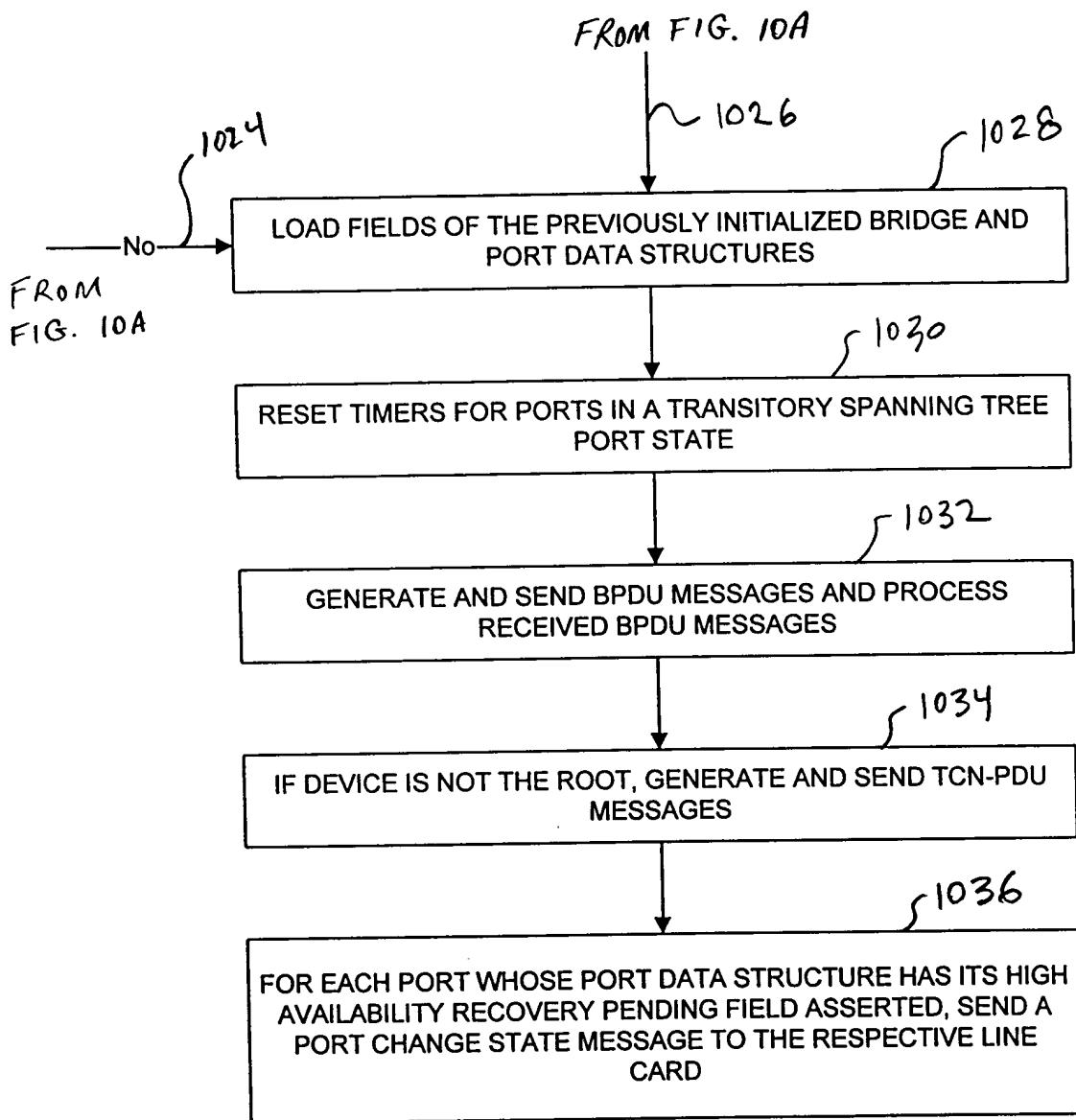


FIG. 10B

1100

1104

1106a

1106b

1106c

1106d

PORT DATABASE ARRAY				
Module	Ports			
	P0	P1	P2	P3
Supervisor 0				
Supervisor 1				<u>1102</u>
Line Card 2		<u>1102</u>		
Line Card 3			<u>1102</u>	

FIG. 11